

1. Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) System for identifying a person, comprising:

means for detecting a distribution of pressures, exerted by at least one foot (20) of the person on a surface, means for storing data of a number of persons, said data comprising a detected pressure distribution pattern (A,B,C) and an associated person identification code (X,Y,Z), and means for comparing a detected pressure distribution pattern (A) with stored pressure distribution patterns (A,B,C) until a match of pressure distribution patterns is found.

2. (Currently Amended) System according to claim 1, ~~characterized in that~~wherein the pressure distribution detecting means comprise a matrix sensor (40).

3. (Currently Amended) System according to claim 1 ~~characterized in that~~wherein said surface comprises a platform (10) for receiving at least one foot (20) of the person, the pressure distribution detecting means (40) comprising a layer implemented in the platform (10).

4. (Currently Amended) System according to claim 1, ~~characterized in that~~wherein the pressure distribution detecting means (40) comprise a matrix of electrical

contacts, with a rubber having a pressure-dependent conductivity being placed between these contacts.

5. (Currently Amended) System according to claim 1, ~~characterized in that~~wherein the means for storing detected pressure distribution patterns comprise a processor (50) having a storage medium (51).

6. (Currently Amended) System according to claim 5, ~~characterized in that~~wherein the processor (50) further comprises a comparator (52) for comparing a detected pressure distribution pattern (A) with the stored pressure distribution patterns (A,B,C).

7. (Currently Amended) System according to claim 1, ~~characterized in that~~wherein it comprises a system for identifying a user of a weighing device (1).

8. (Currently Amended) A method of identifying a person, ~~characterized in that~~wherein said method comprises the steps of: detecting a distribution of pressures, exerted by at least one foot (20) of the person on a surface, storing data of a number of persons, said data comprising a detected pressure distribution pattern (A,B,C) and an associated person identification code (X,Y,Z), and comparing a detected pressure distribution pattern (A) with stored pressure distribution patterns (A,B,C), until a match of pressure distribution patterns is found.

9. (Currently Amended) A method as claimed in claim 8, ~~characterized in that~~wherein said method is a method of identifying a user of a weighing device (1).

10. (New) A system for identifying a person, comprising:
 - a weighing device adapted to detect a distribution of pressures exerted by at least one foot of the person on a surface;
 - a storage medium operative to store data of a number of persons, wherein the data comprise stored pressure distribution patterns and associated person identification codes; and
 - a processor adapted to compare a detected pressure distribution pattern with the stored pressure distribution patterns until a match of pressure distribution patterns is found.
11. (New) A system as claimed in claim 10, wherein the weighing device further comprises a matrix sensor.
12. (New) A system according to claim 11, wherein the surface comprises a platform adapted to receive at least one foot of the person, and the matrix sensor comprises a layer implemented in the platform.
13. (New) A system according to claim 11, wherein the matrix sensor comprises a matrix of electrical contacts, and a layer having a pressure-dependent conductivity disposed between the contacts.
14. (New) A system according to claim 10, wherein the processor further comprises a comparator.
15. (New) A method of identifying a person, the method comprising:

detecting a distribution of pressures, exerted by at least one foot (20) of the person on a surface, storing data of a number of persons, wherein the data comprises a detected pressure distribution pattern and an associated person identification code, and comparing the detected pressure distribution pattern with stored pressure distribution patterns, until a match of pressure distribution patterns is found.

16. (New) A method as claimed in claim 8, wherein the method further comprises identifying a user of a weighing device.